



SECTION I: PRODUCT INFORMATION

PRODUCT: **Sika® Duoflex® NS** PART A REVISION DATE: April 6, 2017

USAGE: 2 COMPONENTS SEALANT

SUPPLIER: Sika CANADA INC.
601, avenue Delmar
Pointe Claire, QC
H9R 4A9

EMERGENCY TELEPHONE NUMBER: CANUTEC (collect) (613) 996-6666

TDG CLASSIFICATION: Not Regulated WHMIS Classification: Not Regulated
UN NUMBER: Not Applicable Class: Not Applicable
Packaging Group: Not Applicable

SECTION II: HAZARDOUS INGREDIENTS

Hazardous ingredients	%	T.L.V.	# CAS	LD ₅₀ (mg/kg) (species, route)	LC ₅₀ (species, route)
None on the IDL					

SECTION III: PHYSICAL CHARACTERISTICS

Physical State:	Liquid	Boiling Point:	Not applicable
Appearance and Odor:	Grey when mixed with part B, slight odor	Freezing Point:	Not applicable
		Density:	~1.27 g/ml
		Water Solubility:	Not available
Odor Threshold:	Not applicable	pH:	Not established
Evaporation Rate:	Not available	% volatility:	Not available
Vapor Density:	Not available	Water/Oil Distribution:	Not available
Vapor Pressure:	Not applicable		

PRODUCT: **Sika® Duoflex® NS**

PART A

SECTION IV: FIRE AND EXPLOSION HAZARDS

Flammability:	No.	TDG Flammability Class:	Not regulated
If Yes, under what conditions:		Flammable upper limits (% vol.):	Not applicable
		Flammable lower limits (% vol.):	Not applicable
		Flash Point (method used):	> 93.3°C
		Auto-ignition temperature:	Not applicable
Extinguishing methods:	Carbon dioxide, water fog, foam or dry chemical.	Dangerous Combustion Products:	CO _x .
		Protect from mechanical impact:	No
Special Methods:	Firefighters should wear full protective clothing including self-contained breathing apparatus since toxic gases are emitted. Cool fire-exposed containers with water or water fog.	Protect from static discharge:	No

SECTION V: REACTIVITY DATA

Chemical stability:	Stable	Dangerous decomposition products:	CO _x .
If not, under what conditions	But avoid direct sources of heat	Polymerization Risks:	Will not occur.
Incompatibility with other material:	Yes		
If Yes, which ones:	Strong oxidizing agents		

PRODUCT: **Sika® Duoflex® NS**

PART A

SECTION VI: TOXIC PROPERTIES

ROUTE OF ENTRY / CONTACT

Eyes: May cause eye irritations.

Carcinogenicity: Not established

Skin: May be irritating to the skin.

Toxic effects
on reproduction: Not established

Inhalation: Harmful if inhaled.

Teratogenicity: Not established

Ingestion: Harmful if swallowed.

Mutagenicity: Not established

Product with synergistic
effects: Not established

An acute or chronic exposure will increase the toxic effects mentioned in this section and may aggravate respiratory problems.

PRODUCT: **Sika® Duoflex® NS**

PART A

SECTION VII: PREVENTIVE MEASURES**PERSONAL PROTECTIVE EQUIPMENT**

Gloves: Chemical resistant gloves.

Respiratory equipment: Not necessary under normal use.

Eyes: Safety glasses

Shoes: Leather

Clothing: Rubber apron

Other: Eye wash station, shower

OTHERS

Ventilation: Sufficient ventilation required.

Procedure in case of leaks: Absorb with sand or other absorbent material. Residue may be removed with steam or hot water and soap. All precautions should be taken when cleaning the spill with solvent.

Handling and Equipment methods: Avoid skin, eye and clothing contact.

Warehouse Requirements: Keep all containers closed in a cool, dry area. Keep away from heat and open flame.

Special Shipping Instructions: See TDG class.

Waste Disposal: Dispose of sand and rinse water according to municipal, provincial or federal laws for disposal of chemicals.



PRODUCT: Sika® Duoflex® NS

PART A

SECTION VIII: FIRST AID

Skin: Remove contaminated clothing and shoes.
Wash immediately with plenty of soap and water.
Wash clothing before re-wearing.
Consult a physician immediately.

Eyes: Rinse eyes immediately with plenty of water for at least 15 minutes to ensure a proper wash.
Consult a physician immediately.

Inhalation: In the case of overexposure, evacuate to fresh air.
Consult a physician if required.

Ingestion: Drink plenty of water. Do not induce vomiting without medical supervision.
Do not give anything by mouth to an unconscious person.
See a physician immediately.

SECTION IX: PREPARATION INFORMATION

Prepared By: R & D of Sika Canada Inc.
Telephone #: (514) 697-2610
Fax #: (514) 694-2792

Notice To Reader

The information contained in this Material Safety Data Sheet applies only to the actual Sika Canada product identified and described herein. This information is not intended to address, nor does it address the use or application of the identified Sika product in combination with any other material, product or process. All of the information set forth herein is based on technical data regarding the identified product that Sika believes to be reliable as of the date hereof. Prior to each use of any Sika product, the user must always read and follow the warnings and instructions on the product's current Product Data Sheet, product label and Material Safety Data Sheet for each Sika product, which are available at web site and/or telephone number listed in Section IX of this MSDS.

SIKA MAKES NO WARRANTIES EXPRESS OR IMPLIED AND ASSUMES NO LIABILITY ARISING FROM THIS INFORMATION OR ITS USE. SIKA SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES AND SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS.

All sales of Sika products are subject to its current terms and conditions of sale available at www.sika.ca or 514-697-2610.



SECTION I: PRODUCT INFORMATION

PRODUCT: **Sika® Duoflex® NS** PART B REVISION DATE: April 6, 2017

USAGE: 2 COMPONENTS SEALANT

SUPPLIER: Sika CANADA INC.
601, avenue Delmar
Pointe Claire, QC
H9R 4A9

EMERGENCY TELEPHONE NUMBER: CANUTEC (collect) (613) 996-6666

TDG CLASSIFICATION: Not Regulated WHMIS Classification: D2A
UN NUMBER: Not Applicable Class: Not Applicable
Packaging Group: Not Applicable

SECTION II: HAZARDOUS INGREDIENTS

Hazardous ingredients	%	T.L.V.	# CAS	LD ₅₀ (mg/kg) (species, route)	LC ₅₀ (species, route)
Thiram	1-5	1 mg/m ³ TWA	137-26-8	560 (oral, rat)	500 mg/m ³ /4H (rat, inh.)

SECTION III: PHYSICAL CHARACTERISTICS

Physical State:	Liquid	Boiling Point:	Not applicable
Appearance and Odor:	Gray when mixed with part A, slight odor	Freezing Point:	Not applicable
		Density:	1.76 g/ml
Odor Threshold:	Not applicable	Water Solubility:	Not available
Evaporation Rate:	Not available	pH:	Not established
Vapor Density:	Not available	% volatility:	Not available
Vapor Pressure:	Not applicable	Water/Oil Distribution:	Not available

PRODUCT: **Sika® Duoflex® NS**

PART B

SECTION IV: FIRE AND EXPLOSION HAZARDS

Flammability: No.

If Yes, under what conditions:

Extinguishing methods: Carbon dioxide, water fog, foam or dry chemical.

Special Methods: Firefighters should wear full protective clothing including self-contained breathing apparatus since toxic gases are emitted. Cool fire-exposed containers with water or water fog.

TDG Flammability Class: Not regulated
Flammable upper limits (% vol.): Not applicable
Flammable lower limits (% vol.): Not applicable
Flash Point (method used): > 93.89°C
Auto-ignition temperature: Not applicable
Dangerous Combustion Products: CO_x.

Protect from mechanical impact: No

Protect from static discharge: No

SECTION V: REACTIVITY DATA

Chemical stability: Stable

If not, under what conditions

Dangerous decomposition products: CO_x.

Polymerization Risks: Will not occur.

Incompatibility with other material: Yes

If Yes, which ones: Strong oxidizing agents.

PRODUCT: **Sika® Duoflex® NS**

PART B

SECTION VI: TOXIC PROPERTIES

ROUTE OF ENTRY / CONTACT

Eyes: May cause eye irritations, burning sensation, tearing and redness. May result in corneal injury.

Skin: May be irritating to the skin. May cause allergic reaction, dermatitis and sensitization.

Inhalation: Irritating to respiratory tract. May cause breathing disorders and lung damage.

Ingestion: May cause irritation to the mouth, throat, stomach and to the gastro-intestinal system. Can cause nausea, vomiting and stomach upset.

An over-exposure may cause breathing difficulty, headaches, nausea, damages to the liver, kidneys and nervous system. May cause problems to the skin, eyes, and lungs. May aggravate respiratory and allergic problems.

Carcinogenicity: Not established

Toxic effects on reproduction: Thiram fed to animals caused infertility

Teratogenicity: Thiram fed to animals caused fetotoxicity

Mutagenicity: Thiram fed to bacteria was mutagenic

Product with synergistic effects: Not established

An acute or chronic exposure will increase the toxic effects mentioned in this section and may aggravate respiratory problems.

PRODUCT: **Sika® Duoflex® NS**

PART B

SECTION VII: PREVENTIVE MEASURES**PERSONAL PROTECTIVE EQUIPMENT**

Gloves: Chemical resistant gloves.

Respiratory equipment: Not necessary under normal use.

Eyes: Safety glasses

Shoes: Leather

Clothing: Rubber apron

Other: Eye wash station, shower

OTHERS

Ventilation: Sufficient ventilation required.

Procedure in case of leaks: Absorb with sand or other absorbent material. Residue may be removed with steam or hot water and soap. All precautions should be taken when cleaning the spill with solvent.

Handling and Equipment methods: Avoid skin, eye and clothing contact.

Warehouse Requirements: Keep all containers closed in a cool, dry area. Keep away from heat, sparks and open flame.

Special Shipping Instructions: See TDG class.

Waste Disposal: Dispose of sand and rinse water according to municipal, provincial or federal laws for disposal of chemicals.



PRODUCT: Sika® Duoflex® NS

PART B

SECTION VIII: FIRST AID

Skin: Remove contaminated clothing and shoes.
Wash immediately with plenty of soap and water.
Wash clothing before re-wearing.
Consult a physician if required.

Eyes: Rinse eyes immediately with plenty of water for at least 15 minutes to ensure a proper wash.
If irritation develops, consult a physician.

Inhalation: In the case of overexposure, evacuate to fresh air.
If symptoms develop seek immediate medical help.

Ingestion: Induce vomiting immediately with medical supervision
Do not give anything by mouth to an unconscious person.
Treatment should be directed at preventing absorption.
Consult a physician immediately.

SECTION IX: PREPARATION INFORMATION

Prepared By: R & D of Sika Canada Inc.
Telephone #: (514) 697-2610
Fax #: (514) 694-2792

Notice To Reader

The information contained in this Material Safety Data Sheet applies only to the actual Sika Canada product identified and described herein. This information is not intended to address, nor does it address the use or application of the identified Sika product in combination with any other material, product or process. All of the information set forth herein is based on technical data regarding the identified product that Sika believes to be reliable as of the date hereof. Prior to each use of any Sika product, the user must always read and follow the warnings and instructions on the product's current Product Data Sheet, product label and Material Safety Data Sheet for each Sika product, which are available at web site and/or telephone number listed in Section IX of this MSDS.

SIKA MAKES NO WARRANTIES EXPRESS OR IMPLIED AND ASSUMES NO LIABILITY ARISING FROM THIS INFORMATION OR ITS USE. SIKA SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES AND SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS.

All sales of Sika products are subject to its current terms and conditions of sale available at www.sika.ca or 514-697-2610.